ELSEVIER

Journal of Inorganic Biochemistry 76 (1998) 289

JOURNAL OF Inorganic Biochemistry

Author Index of Volume 76

Abdollahi, S., 231
Ackley, D.C., 127
Airoldi, C., 273
Albertini, R., 277
Allen, D.D., 127
Anzai, K., 55
Appanna, V.D., 99
Ataai, M., 211

Beirith, A., 153
Bellucci, C., 243
Bin, T., 149
Bonati, A., 277
Bonetti, V.R., 153
Brasch, N.E., 197

Calixto, J.B., 153
Carvalho, S., 221
Casas, J., 277
Castiñeiras, A., 277
Chen, Y., 211
Chruscinski, L., 1
Ciancianaini, P., 277
Cini, R., 243
Colacio, E., 29
Cölfen, H., 187
Creczynski-Pasa, T.B., 153

Dall'Aglio, P., 277
Daran, J.C., 19
Dawson, J.H., 165
de Farias, R.F., 273
de Paula, F.C.S., 221
Di Risio, C., 105
Doll, K.M., 197
Douglas, T., 187
Duarte, H.A., 221
Dung, N.-H., 19

Eagle, A.A., 39
Elenkova, E.A., 165
Elkins, K.M., 175
Elmore, D., 149
English, A.M., 165
Exley, C., 121, 133

Finke, R.G., 197
Flarend, R., 149
Franco, C.V., 153
Fu, Y.-H., 265

Garbossa, G., 105, 113
George, G.N., 39
Girerd, J.J., 19
Gonçalves, N.S., 153
Goodin, D.B., 165
Greenaway, F.T., 19

Hamada, Y., 231
Hamel, R., 99
Haneda, T., 13
Harris, W.R., 231
Hem, S., 149
Hodson, M.J., 89
Howell, F.S., 13
Hsu, T.-L.C., 197
Hu, J., 259

Inomata, Y., 13

Jasionowski, M., 63
Ji, L.-N., 47, 265
Jugdaohsingh, R., 141

Keim, C., 149
King, N.M., 175
Koepsel, R.R., 211
Konzen, M., 153
Korchazhkina, O., 121
Kowalik-Jankowska, T., 63
Kozlowski, H., 1

Labouze, X., 19
Ladisch, M., 149
Łankiewicz, L., 63
Levasseur, R., 99
Li, H., 47, 265
Liu, J.-G., 47, 265
Lodyga-Chruscinska, E., 1
Lunghi, P., 277

Mangrich, A.S., 221
Mann, S., 187
Matesanz, A.I., 29
McNeill, J.H., 251
McRee, D.E., 165
Micera, G., 1
Miura, Y., 55
Moreno, J., 29
Morgant, G., 19

Navarro, P., 29
Nelson, D.J., 175
Nesse, A., 105, 113

Olczak, J., 1
Orvig, C., 251
Ozawa, T., 55

Paniago, E.B., 221
Pasquinelli, R., 211
Paula, M.M.S., 153
Pereira-Maia, E.C., 221
Pérez, G., 105, 113
Pérez, J., 29
Pinelli, S., 277
Pond, A.E., 165
Powell, J.J., 141

Reffitt, D.M., 141
Riviere, E., 19
Roch Arveiller, M., 19
Rodríguez-Argüelles, M.C., 277

Sakurai, H., 71
Sánchez, A., 277
Sangster, A.G., 89
Sanna, D., 1
Sassetti, B., 105
Seifriz, I., 153
Shepherd, R.E., 211
Shi, X.-F., 259
Sono, M., 165
Sordo, J., 277
Souza, P., 29
Spoganickz, B., 153
Stringfield, T.W., 211
Sun, W.-Y., 259

Takechi, K., 71
Thompson, K.H., 251
Thompson, R.P.H., 141
Tiekink, E.R.T., 39
Tsuboi, H., 71

Ueda, J., 55

Vázquez López, A., 277
Viossat, B., 19
Vittori, D., 113

Wang, L., 47
Wei, J.-H., 259
Whilton, N.T., 187
Williams, R.J.P., 81
Wong, K.K.W., 187
Woo, L.C.Y., 251
Wright, G., 121

Yang, B., 231
Yasui, H., 71
Ye, B.-H., 47, 265
Yokel, R.A., 127
Young, C.G., 39
Yuen, V.G., 251

Zabrocki, J., 1
Zhang, L., 259
Zhang, Q.-L., 47
Zhen, Q.-X., 47, 265

Elsevier Science Inc.

ELSEVIER

Journal of Inorganic Biochemistry 76 (1999) 291–294

JOURNAL OF Inorganic Biochemistry

Subject Index of Volume 76

Accelerator mass spectrometry
analysis of aluminum-26 labeled aluminum chlorohydrate, 149
Adducts
towards the thermochemical data of adducts involving glycine and cadmium chloride, 273
Adenosine 5′-triphosphate signalling
a molecular mechanism of aluminium-induced Alzheimer's disease?, 133
Aluminium
aluminium/silicon interactions in conifers, 89
no effect of aluminium upon the hydrolysis of ATP in the coronary circulation of the isolated working rat heart, 121
the distribution of aluminum into and out of the brain, 127
silicic acid: its gastrointestinal uptake and urinary excretion in man and effects on aluminium excretion, 141
Aluminium-26
analysis of aluminum-26 labeled aluminum chlorohydrate, 149
Aluminium chemistry
what is wrong with aluminium? The J.D. Birchall memorial lecture, 81
Aluminium chlorohydrate
analysis of aluminum-26 labeled aluminum chlorohydrate, 149
Aluminium (in biology)
a molecular mechanism of aluminium-induced Alzheimer's disease?, 133
Aluminium in organisms
what is wrong with aluminium? The J.D. Birchall memorial lecture, 81
Aluminium tolerance
oxalic acid production and aluminum tolerance in *Pseudomonas fluorescens*, 99
Aluminium toxicity
interference of aluminium on iron metabolism in erythroleukaemia K562 cells, 105
morphologic and functional alterations of erythroid cells induced by long-term ingestion of aluminium, 113
Alzheimer's disease
a molecular mechanism of aluminium-induced Alzheimer's disease?, 133
Anaemia
morphologic and functional alterations of erythroid cells induced by long-term ingestion of aluminium, 113
Analytical ultracentrifugation
synthesis and characterization of hydrophobic ferritin proteins, 187
Antiperspirant
analysis of aluminum-26 labeled aluminum chlorohydrate, 149
Arenethiolate complexes
aromatic C–H---S interaction in the arenethiolate complexes of cadmium(II) with S_2N_2 donor set evidenced from ^{113}Cd NMR spectroscopy, 259
Aromatic C–H---S interaction
aromatic C–H---S interaction in the arenethiolate complexes of cadmium(II) with S_2N_2 donor set evidenced from ^{113}Cd NMR spectroscopy, 259

Bathocuproinedisulfonic acid
oxidation of linoleic acid by copper(II) complexes: effects of ligand, 55
Biguanide
vanadyl–biguanide complexes as potential synergistic insulin mimics, 251
Binding constants
steric restrictions on the binding of large metal ions to serum transferrin, 231
Biological properties
synthesis, potentiometric titration, electrochemical investigation and biological properties of *trans*-[$RuCl_2$(dinic)$_4$] (dinic = 3,5-pyridinecarboxylic acid), 153
Bis(thiosemicarbazone)
synthesis and characterization of novel palladium(II) complexes of bis(thiosemicarbazone). Structure, cytotoxic activity and DNA binding of Pd(II)-benzyl bis(thiosemicarbazonate), 29
Blood-brain barrier
the distribution of aluminum into and out of the brain, 127
Blood circulation monitoring-electron spin resonance
ESR characterization and metallokinetic analysis of Cr(V) in the blood of rats given carcinogen chromate(VI) compounds, 71
Brain efflux
the distribution of aluminum into and out of the brain, 127

Cadmium chloride
towards the thermochemical data of adducts involving glycine and cadmium chloride, 273
Cadmium(II) complex
characterization and crystal structures of zinc(II) and cadmium(II) complexes with D-(−)-quinic acid, 13
Cadmium(II) complexes with S_2N_2 donor set
aromatic C–H---S interaction in the arenethiolate complexes of cadmium(II) with S_2N_2 donor set evidenced from ^{113}Cd NMR spectroscopy, 259
Calcium
aluminium/silicon interactions in conifers, 89
Calcium in organisms
what is wrong with aluminium? The J.D. Birchall memorial lecture, 81
Carcinogen chromate
ESR characterization and metallokinetic analysis of Cr(V) in the blood of rats given carcinogen chromate(VI) compounds, 71
^{113}Cd NMR spectroscopy
aromatic C–H---S interaction in the arenethiolate complexes of cadmium(II) with S_2N_2 donor set evidenced from ^{113}Cd NMR spectroscopy, 259
CFU-E
morphologic and functional alterations of erythroid cells induced by long-term ingestion of aluminium, 113
Chelation
coordination of the six-mer peptide Gly-His-Pro-His-His-Gly to Cu^{II} and Pd^{II} *N*-methyliminodiacetate complexes as IMAC chelation site models, 211

Chemiluminescence
copper(II) complexes of a nonsteroidal anti-inflammatory drug niflumic acid. Synthesis, crystal structure of tetrakis-μ-(2-[3-(trifluoromethyl)phenyl]aminonicotinato)bis(dimethylsulfoxide)-dicopper(II) complex at 190 K. Anti-inflammatory properties, 19
Codeposition
aluminium/silicon interactions in conifers, 89
Coenzyme B_{12}
synthesis and characterization of isolable thiolatocobalamin complexes relevant to coenzyme B_{12}-dependent ribonucleoside triphosphate reductase, 197
Coordination complex
vanadyl–biguanide complexes as potential synergistic insulin mimics, 251
Coordination mode
ESR characterization and metallokinetic analysis of Cr(V) in the blood of rats given carcinogen chromate(VI) compounds, 71
Copper
oxidation of linoleic acid by copper(II) complexes: effects of ligand, 55
Copper(II) complexes
copper(II) complexes of a nonsteroidal anti-inflammatory drug niflumic acid. Synthesis, crystal structure of tetrakis-μ-(2-[3-(trifluoromethyl)phenyl]aminonicotinato)bis(dimethylsulfoxide)-dicopper(II) complex at 190 K. Anti-inflammatory properties, 19
copper(II) complexation by pituitary adenylate cyclase activating polypeptide fragments, 63
Cryo-SEM
aluminium/silicon interactions in conifers, 89
Crystal structures
characterization and crystal structures of zinc(II) and cadmium(II) complexes with D-(−)-quinic acid, 13
Cu(II) complexes
effect of the tetrazole *cis*-amide bond surrogate on the complexing ability of some enkephalin analogues toward Cu(II) ions, 1
Cysteine
reactivity of the invariant cysteine of silver hake parvalbumin (Isoform B) with dithionitrobenzoate (DTNB) and the effect of differing buffer species on reactivity, 175
Cytochrome b_5
magnetic circular dichroism studies of the active site heme coordination sphere of exogenous ligand-free ferric cytochrome *c* peroxidase from yeast: effects of sample history and pH, 165
Cytochrome *c* peroxidase
magnetic circular dichroism studies of the active site heme coordination sphere of exogenous ligand-free ferric cytochrome *c* peroxidase from yeast: effects of sample history and pH, 165
Cytotoxic activity
synthesis and characterization of novel palladium(II) complexes of bis(thiosemicarbazone). Structure, cytotoxic activity and DNA binding of Pd(II)-benzyl bis(thiosemicarbazonate), 29

1,9-Dimethylpurine-6-thione
synthesis and structural characterization of ruthenium(II) complexes with triphenylstibine, 1,9-dimethylpurine-6-thione, 3,5-dimethylpyridine and 1,4-pyrazine, 243
3,5-Dimethylpyridine
synthesis and structural characterization of ruthenium(II) complexes with triphenylstibine, 1,9-dimethylpurine-6-thione, 3,5-dimethylpyridine and 1,4-pyrazine, 243
Diorganotin (IV) complexes
synthesis, structure, spectroscopic properties and biological activity of mixed diorganotin(IV) complexes containing pyridine-2-carbaldehyde thiosemicarbazonato and diphenyldithiophosphinato ligands, 277
Diphenyldithiophosphinato ligands
synthesis, structure, spectroscopic properties and biological activity of mixed diorganotin(IV) complexes containing pyridine-2-carbaldehyde thiosemicarbazonato and diphenyldithiophosphinato ligands, 277
Dithiobis(thieno)quinoxaline
generation and biomimetic chemistry of tungsten–dithiolene complexes containing the hydrotris(3,5-dimethylpyrazol-1-yl)borate ligand, 39
Dithiolene
generation and biomimetic chemistry of tungsten–dithiolene complexes containing the hydrotris(3,5-dimethylpyrazol-1-yl)borate ligand, 39
Dithionitrobenzoate
reactivity of the invariant cysteine of silver hake parvalbumin (Isoform B) with dithionitrobenzoate (DTNB) and the effect of differing buffer species on reactivity, 175
DNA binding
synthesis and characterization of novel palladium(II) complexes of bis(thiosemicarbazone). Structure, cytotoxic activity and DNA binding of Pd(II)-benzyl bis(thiosemicarbazonate), 29
synthesis, characterization and the effect of ligand planarity of $[Ru(bpy)_2L]^{2+}$ on DNA binding affinity, 47
polypyridyl ruthenium(II) complexes containing intramolecular hydrogen-bond ligand: syntheses, characterization, and DNA-binding properties, 265

Ectonucleotidase
no effect of aluminium upon the hydrolysis of ATP in the coronary circulation of the isolated working rat heart, 121
Erythroid differentiation
interference of aluminium on iron metabolism in erythroleukaemia K562 cells, 105
Erythropoiesis
morphologic and functional alterations of erythroid cells induced by long-term ingestion of aluminium, 113
Evolution and aluminium
what is wrong with aluminium? The J.D. Birchall memorial lecture, 81
Extracellular adenosine 5′-triphosphate
no effect of aluminium upon the hydrolysis of ATP in the coronary circulation of the isolated working rat heart, 121

Ferritin
synthesis and characterization of hydrophobic ferritin proteins, 187

Glycine
towards the thermochemical data of adducts involving glycine and cadmium chloride, 273
Gymnosperms
aluminium/silicon interactions in conifers, 89

Haemoglobin synthesis
interference of aluminium on iron metabolism in erythroleukaemia K562 cells, 105
Heme coordination sphere
magnetic circular dichroism studies of the active site heme coordination sphere of exogenous ligand-free ferric cytochrome *c* peroxidase from yeast: effects of sample history and pH, 165
High performance liquid chromatography
no effect of aluminium upon the hydrolysis of ATP in the coronary circulation of the isolated working rat heart, 121
Histidine complexes
copper(II) complexation by pituitary adenylate cyclase activating polypeptide fragments, 63
Homeostasis
what is wrong with aluminium? The J.D. Birchall memorial lecture, 81

Horseradish peroxidase
magnetic circular dichroism studies of the active site heme coordination sphere of exogenous ligand-free ferric cytochrome *c* peroxidase from yeast: effects of sample history and pH, 165
Hydrophobic proteins
synthesis and characterization of hydrophobic ferritin proteins, 187
Hydroxyl radical scavenger
synthesis, potentiometric titration, electrochemical investigation and biological properties of *trans*-[$RuCl_2$(dinic)$_4$] (dinic = 3,5-pyridinecarboxylic acid), 153
Hyperthermophile
generation and biomimetic chemistry of tungsten–dithiolene complexes containing the hydrotris(3,5-dimethylpyrazol-1-yl)borate ligand, 39

Immobilized metal ion affinity chromatography
coordination of the six-mer peptide Gly-His-Pro-His-His-Gly to Cu^{II} and Pd^{II} *N*-methyliminodiacetate complexes as IMAC chelation site models, 211
Insulin mimic
vanadyl–biguanide complexes as potential synergistic insulin mimics, 251
Intercalation
synthesis, characterization and the effect of ligand planarity of $[Ru(bpy)_2L]^{2+}$ on DNA binding affinity, 47
Iron metabolism
interference of aluminium on iron metabolism in erythroleukaemia K562 cells, 105
Iron uptake
morphologic and functional alterations of erythroid cells induced by long-term ingestion of aluminium, 113
Isolated working rat heart
no effect of aluminium upon the hydrolysis of ATP in the coronary circulation of the isolated working rat heart, 121

K562 cell line
interference of aluminium on iron metabolism in erythroleukaemia K562 cells, 105

Linear free-energy relationship
steric restrictions on the binding of large metal ions to serum transferrin, 231
Linoleic acid
oxidation of linoleic acid by copper(II) complexes: effects of ligand, 55
Lipid peroxidation
oxidation of linoleic acid by copper(II) complexes: effects of ligand, 55

Magnetic circular dichroism
magnetic circular dichroism studies of the active site heme coordination sphere of exogenous ligand-free ferric cytochrome *c* peroxidase from yeast: effects of sample history and pH, 165
Metal–ligand interaction
a physicochemical study of the tetracycline coordination to oxovanadium(IV), 221
N-Methyliminodiacetate complexes
coordination of the six-mer peptide Gly-His-Pro-His-His-Gly to Cu^{II} and Pd^{II} *N*-methyliminodiacetate complexes as IMAC chelation site models, 211
Microanalysis
aluminium/silicon interactions in conifers, 89
Microdialysis
the distribution of aluminum into and out of the brain, 127
Molecular dynamics
reactivity of the invariant cysteine of silver hake parvalbumin (Isoform B) with dithionitrobenzoate (DTNB) and the effect of differing buffer species on reactivity, 175
Monocarboxylate transporter
the distribution of aluminum into and out of the brain, 127
Myoglobin
magnetic circular dichroism studies of the active site heme coordination sphere of exogenous ligand-free ferric cytochrome *c* peroxidase from yeast: effects of sample history and pH, 165

Neuronal excitotoxicity
a molecular mechanism of aluminium-induced Alzheimer's disease?, 133
Neurotransmission
a molecular mechanism of aluminium-induced Alzheimer's disease?, 133
Niflumic acid
copper(II) complexes of a nonsteroidal anti-inflammatory drug niflumic acid. Synthesis, crystal structure of tetrakis-μ-(2-[3-(trifluoromethyl)phenyl]aminonicotinato)bis(dimethylsulfoxide)-dicopper(II) complex at 190 K. Anti-inflammatory properties, 19
Nitrogen monoxide
synthesis, potentiometric titration, electrochemical investigation and biological properties of *trans*-[$RuCl_2$(dinic)$_4$] (dinic = 3,5-pyridinecarboxylic acid), 153

One-electron reduction
ESR characterization and metallokinetic analysis of Cr(V) in the blood of rats given carcinogen chromate(VI) compounds, 71
Oxalic acid production
oxalic acid production and aluminum tolerance in *Pseudomonas fluorescens*, 99
Oxovanadium(IV)
a physicochemical study of the tetracycline coordination to oxovanadium(IV), 221

Palladium(II) complexes
synthesis and characterization of novel palladium(II) complexes of bis(thiosemicarbazone). Structure, cytotoxic activity and DNA binding of Pd(II)-benzyl bis(thiosemicarbazonate), 29
Pentavalent chromium Cr(V)
ESR characterization and metallokinetic analysis of Cr(V) in the blood of rats given carcinogen chromate(VI) compounds, 71
Phytoliths
aluminium/silicon interactions in conifers, 89
Pituitary adenylate cyclase activating polypeptide fragments
copper(II) complexation by pituitary adenylate cyclase activating polypeptide fragments, 63
Polyacrylamide gel electrophoresis
synthesis and characterization of hydrophobic ferritin proteins, 187
Polymorphonuclear leukocytes
copper(II) complexes of a nonsteroidal anti-inflammatory drug niflumic acid. Synthesis, crystal structure of tetrakis-μ-(2-[3-(trifluoromethyl)phenyl]aminonicotinato)bis(dimethylsulfoxide)dicopper(II) complex at 190 K. Anti-inflammatory properties, 19
Polypyridyl ligands
polypyridyl ruthenium(II) complexes containing intramolecular hydrogen-bond ligand: syntheses, characterization, and DNA-binding properties, 265
Polypyridyl ruthenium(II)
synthesis, characterization and the effect of ligand planarity of $[Ru(bpy)_2L]^{2+}$ on DNA binding affinity, 47
Potentiometric titration
synthesis, potentiometric titration, electrochemical investigation and biological properties of *trans*-[$RuCl_2$(dinic)$_4$] (dinic = 3,5-pyridinecarboxylic acid), 153

Pseudomonas fluorescens
oxalic acid production and aluminum tolerance in *Pseudomonas fluorescens*, 99
1,4-Pyrazine
synthesis and structural characterization of ruthenium(II) complexes with triphenylstibine, 1,9-dimethylpurine-6-thione, 3,5-dimethylpyridine and 1,4-pyrazine, 243
Pyridine-2-carbaldehyde thiosemicarbazonato ligands
synthesis, structure, spectroscopic properties and biological activity of mixed diorganotin(IV) complexes containing pyridine-2-carbaldehyde thiosemicarbazonato and diphenyldithiophosphinato ligands, 277

Quinic acid
characterization and crystal structures of zinc(II) and cadmium(II) complexes with D-(−)-quinic acid, 13

Redox potential
oxidation of linoleic acid by copper(II) complexes: effects of ligand, 55
Ribonucleoside triphosphate reductase
synthesis and characterization of isolable thiolatocobalamin complexes relevant to coenzyme B_{12}-dependent ribonucleoside triphosphate reductase, 197
trans-[$RuCl_2$(dinic)$_4$]
synthesis, potentiometric titration, electrochemical investigation and biological properties of *trans*-[$RuCl_2$(dinic)$_4$] (dinic = 3,5-pyridinecarboxylic acid), 153
Ruthenium
synthesis, potentiometric titration, electrochemical investigation and biological properties of *trans*-[$RuCl_2$(dinic)$_4$] (dinic = 3,5-pyridinecarboxylic acid), 153
Ruthenium complexes
polypyridyl ruthenium(II) complexes containing intramolecular hydrogen-bond ligand: syntheses, characterization, and DNA-binding properties, 265
Ruthenium(II) complexes
synthesis and structural characterization of ruthenium(II) complexes with triphenylstibine, 1,9-dimethylpurine-6-thione, 3,5-dimethylpyridine and 1,4-pyrazine, 243

Serum transferrin
steric restrictions on the binding of large metal ions to serum transferrin, 231
Silica ingestion
silicic acid: its gastrointestinal uptake and urinary excretion in man and effects on aluminium excretion, 141
Silicic acid
silicic acid: its gastrointestinal uptake and urinary excretion in man and effects on aluminium excretion, 141
Silicon
aluminium/silicon interactions in conifers, 89
silicic acid: its gastrointestinal uptake and urinary excretion in man and effects on aluminium excretion, 141
Silicon metabolism
silicic acid: its gastrointestinal uptake and urinary excretion in man and effects on aluminium excretion, 141
Silver hake parvalbumin
reactivity of the invariant cysteine of silver hake parvalbumin (Isoform B) with dithionitrobenzoate (DTNB) and the effect of differing buffer species on reactivity, 175
Six-mer peptides
coordination of the six-mer peptide Gly-His-Pro-His-His-Gly to Cu^{II} and Pd^{II} *N*-methyliminodiacetate complexes as IMAC chelation site models, 211
Spectroscopy
a physicochemical study of the tetracycline coordination to oxovanadium(IV), 221
Stability constants
copper(II) complexation by pituitary adenylate cyclase activating polypeptide fragments, 63
Syntheses
polypyridyl ruthenium(II) complexes containing intramolecular hydrogen-bond ligand: syntheses, characterization, and DNA-binding properties, 265

Tetracycline
a physicochemical study of the tetracycline coordination to oxovanadium(IV), 221
Tetrazole enkephalin complexes
effect of the tetrazole *cis*-amide bond surrogate on the complexing ability of some enkephalin analogues toward Cu(II) ions, 1
Thermochemistry
towards the thermochemical data of adducts involving glycine and cadmium chloride, 273
Thiolatocobalamin complexes
synthesis and characterization of isolable thiolatocobalamin complexes relevant to coenzyme B_{12}-dependent ribonucleoside triphosphate reductase, 197
Thiol-disulfide exchange
reactivity of the invariant cysteine of silver hake parvalbumin (Isoform B) with dithionitrobenzoate (DTNB) and the effect of differing buffer species on reactivity, 175
Toxicity
aluminium/silicon interactions in conifers, 89
Transmission electron microscopy
synthesis and characterization of hydrophobic ferritin proteins, 187
Triphenylstibine
synthesis and structural characterization of ruthenium(II) complexes with triphenylstibine, 1,9-dimethylpurine-6-thione, 3,5-dimethylpyridine and 1,4-pyrazine, 243
Tungsten
generation and biomimetic chemistry of tungsten–dithiolene complexes containing the hydrotris(3,5-dimethylpyrazol-1-yl)borate ligand, 39
Tungsten enzyme
generation and biomimetic chemistry of tungsten–dithiolene complexes containing the hydrotris(3,5-dimethylpyrazol-1-yl)borate ligand, 39

Urothione
generation and biomimetic chemistry of tungsten–dithiolene complexes containing the hydrotris(3,5-dimethylpyrazol-1-yl)borate ligand, 39

Vanadium
vanadyl–biguanide complexes as potential synergistic insulin mimics, 251

X-ray diffraction
copper(II) complexes of a nonsteroidal anti-inflammatory drug niflumic acid. Synthesis, crystal structure of tetrakis-μ-(2-[3-(trifluoromethyl)phenyl]aminonicotinato)bis(dimethylsulfoxide)-dicopper(II) complex at 190 K. Anti-inflammatory properties, 19

Zinc(II) complex
characterization and crystal structures of zinc(II) and cadmium(II) complexes with D-(−)-quinic acid, 13